FIRE PREVENTION AND SAFETY IN THE HOME

CW2 BILL GUNNETT

COMMON SENSE !!

FIRE BASICS

- HEAT
- FUEL
- OXYGEN

REMOVE THE FUEL, CUT OFF THE OXYGEN SUPPLY, OR COOL THE TEMPERATURE OF THE FIRE.

HOW FIRE KILLS

- SUFFOCATION
- SMOKE AND POISONOUS GASES
  - 4 COMMON
- HEAT

SMOKE DETECTORS

- THE FIRST LINE OF DEFENSE
- ON EVERY LEVEL OF YOUR HOME, INCLUDING THE BASEMENT
- OUTSIDE OF EACH SLEEPING AREA

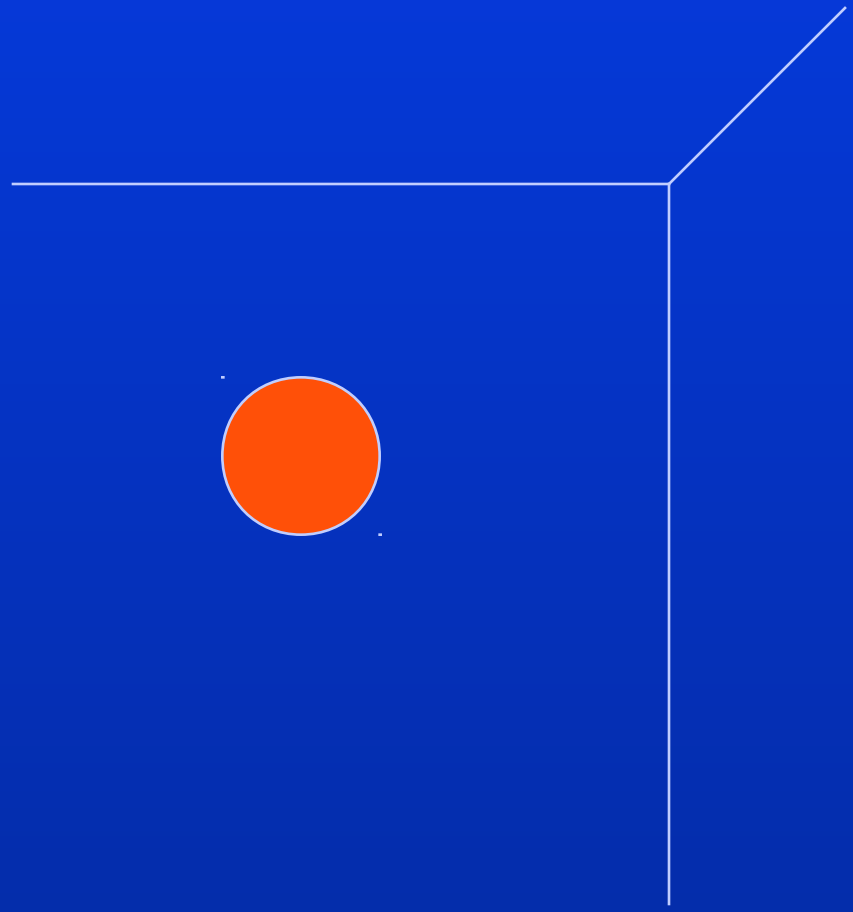
TYPES OF SMOKE DETECTORS

- BATTERY POWERED
- HOUSEHOLD ELECTRIC POWERED
- IONIZATION SENSOR
- PHOTO-ELECTRIC SENSOR

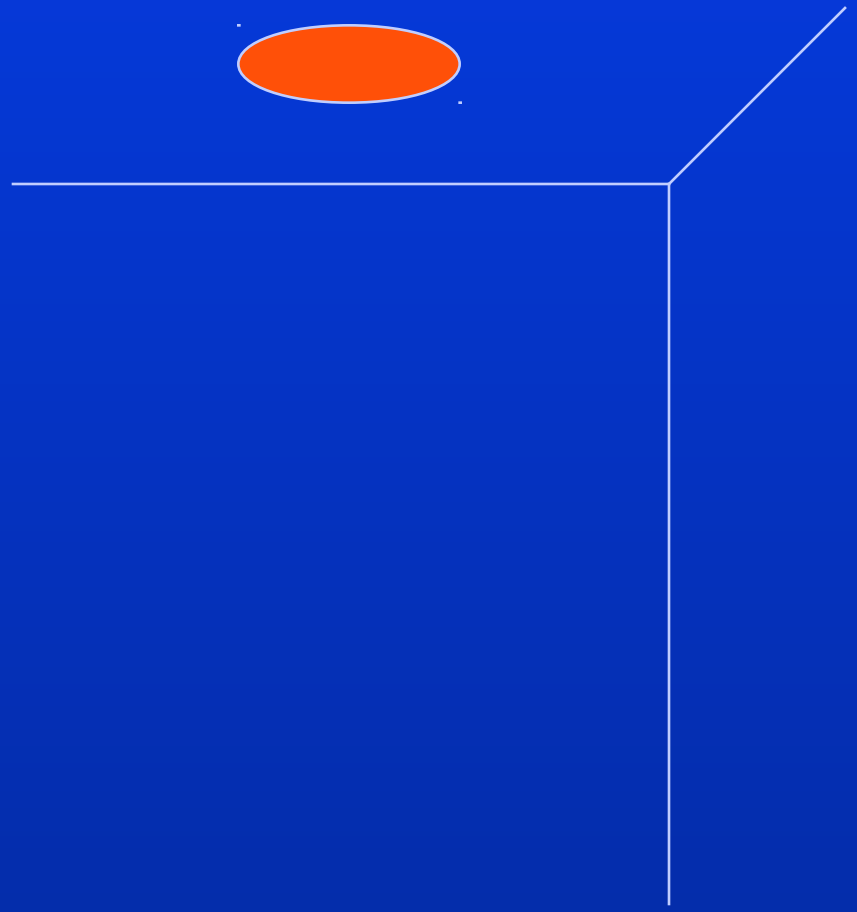
UL TESTED

INSTALLATION

- WALL MOUNTED
- 4 TO 12 INCHES FROM THE CEILING

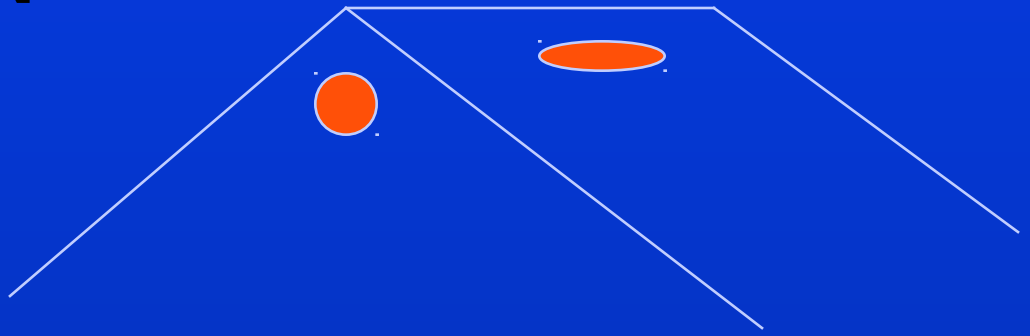


INSTALLATION



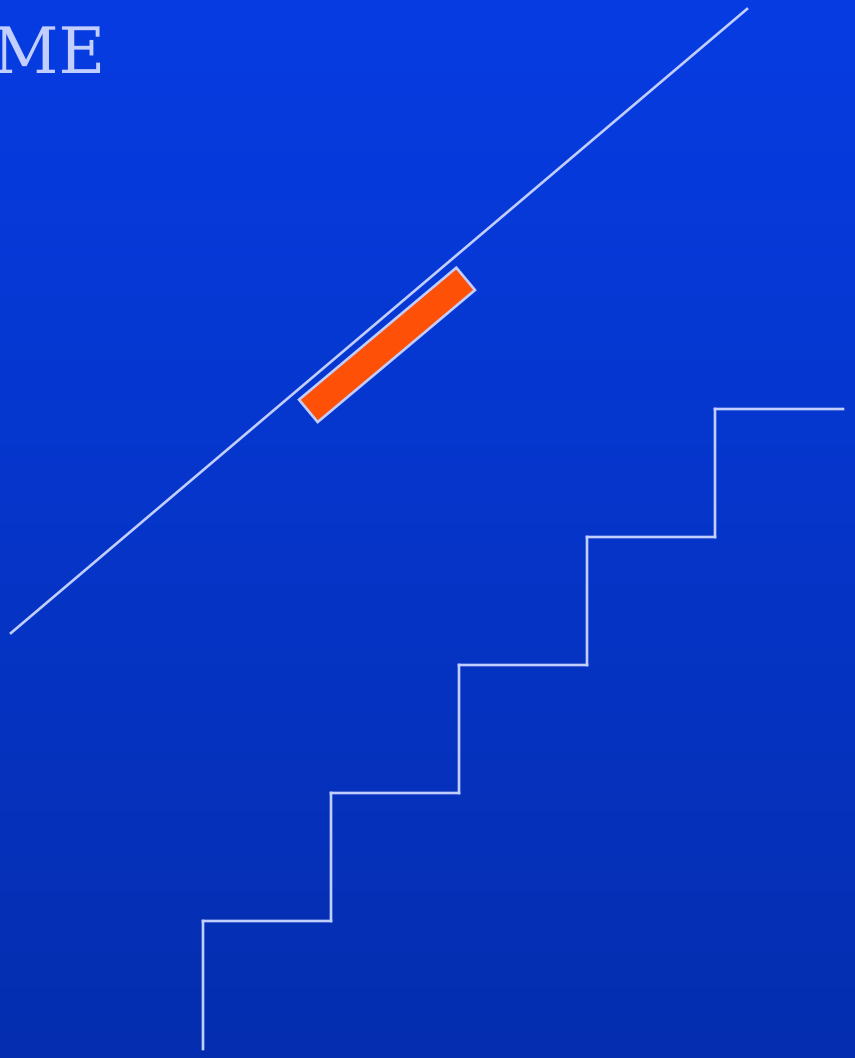
- CEILING MOUNTED
- 4 INCHES FROM THE WALL

INSTALLATION



- PITCHED CEILING MOUNTED
- AT OR NEAR THE HIGHEST POINT

INSTALLATION



- STAIR MOUNTED MOUNTED
- IN THE PATH OF AIR FLOW UP THE STAIRS

AT THE BOTTOM IF THERE IS A DOOR AT THE TOP

INSTALLATION DON'TS

- NEAR A WINDOW
- DOOR
- AIR VENTS
- FIREPLACE
- KITCHENS
- BATHROOMS
- ATTICS
- GARAGES

MAINTENANCE

- BATTERIES
- TESTING
- CLEANING
- REPLACEMENT

DEMO

EDITH

EXIT DRILLS IN THE HOME

DRAW A FLOOR PLAN OF YOUR HOME

- BE THOROUGH
- 2 ROUTES, PRIMARY AND ALTERNATE
- SECOND STORY ROUTES
- REVISE THE PLAN

FIRE PREVENTION AND SAFETY IN THE HOME

EDITH

EXIT **D**RILLS **I**N **T**HE **H**OME

KEEP ESCAPE ROUTES CLEAR

- WINDOWS OPEN EASILY
- OBSTACLES
- ROOFS, BALCONIES, ESCAPE LADDERS
- SECURITY BARS

FIRE PREVENTION AND SAFETY IN THE HOME

EDITH

EXIT **D**RILLS **I**N **T**HE **H**OME

MEETING PLACE

- ONE LOCATION
- IN FRONT OF THE HOUSE

GET OUT AND STAY OUT!!!

EDITH

EXIT **D**RILLS **I**N **T**HE **H**OME

CONTACT THE FIRE DEPARTMENT

- 911 OR 7 DIGIT NUMBER?
- IDENTIFY YOUR HOME

SEND ONE PERSON TO CALL **AFTER**
YOU GATHER AT THE MEETING PLACE

FIRE PREVENTION AND SAFETY IN THE HOME

EDITH

EXIT **D**RILLS **I**N **T**HE **H**OME

CHILDREN

- NO WHERE TO HIDE
- DON’T WAIT

FIRE PREVENTION AND SAFETY IN THE HOME

EDITH

EXIT **D**RILLS **I**N **T**HE **H**OME

EXIT DRILLS EVERY 6 MONTHS

- PRACTICE
- UNANNOUNCED
- REALISTIC
  - AT NIGHT
  - NO LIGHTS

SURVIVAL TIPS

- THE SOUND OF THE SMOKE ALARM
- BEDROOM DOORS CLOSED
- TEST DOORS
- USE WINDOWS
- CRAWL UNDER SMOKE
- STOP, DROP, AND ROLL
- SPECIAL CONSIDERATIONS

MAJOR HOME FIRE HAZARDS

- COOKING
- SMOKING
- HEATING APPLIANCES
- ARSON
- ELECTRICAL SYSTEMS AND EQUIPMENT
- OPEN FLAMES
- FLAMMABLE AND COMBUSTIBLE LIQUIDS
- PLAYING WITH FIRE

COOKING

- LEADING CAUSE OF HOME FIRES
- STOVE BURNERS, OVENS, MICROWAVES
- COUNTERTOP APPLIANCES
  - TOASTERS, COFFEE MAKERS, HOT PLATES
  - DON'T OVER LOAD OUTLETS
- 40% OF FATAL COOKING FIRES OCCUR WHEN THE VICTIMS ARE ASLEEP

COOKING

- GREASE FIRES
  - COVER PAN WITH A LID
  - TURN OFF THE BURNER
  - NEVER POUR WATER ON A GREASE FIRE

COOKING

- OVEN FIRES
  - CLOSE THE DOOR
  - TURN OFF THE OVEN
- MICROWAVES
  - CLOSE THE DOOR
  - TURN IT OFF

COOKING

TURN POT HANDLES IN !!!!!!

POTS CAN’T BE KNOCKED OVER OR PULLED DOWN BY SMALL CHILDREN

COOKING

- DON’T LEAVE COOKING UNATTENDED
- KEEP APPLIANCES CLEAN
- WEAR CLOSE FITTING SLEEVES
- KEEP FLAMMABLE OBJECTS AWAY
- HEAT OIL SLOWLY
- KEEP CHILDREN AWAY FROM STOVE

COOKING

- FIRE EXTINGUISHERS
- EFFECTIVE FOR SMALL, CONTAINED FIRES
- KNOW HOW TO USE IT
- KEEP IN AN ACCESSIBLE PLACE
- HAVE THE RIGHT TYPE (B-C)

COOKING

- FIRST AID FOR BURNS
  - RUN COOL WATER FOR 10 TO 15 MINUTES
  - DON’T APPLY BUTTER OR OTHER GREASES

SMOKING

- ITS BAD FOR YOU, ASK THE SURGEON GENERAL
- LEADING CAUSE OF FIRES THAT RESULT IN DEATH
- USE AND EMPTY ASHTRAYS
- CHECK FOR SMOLDERING BUTTS (AFTER PARTIES)
- DON’T SMOKE IN BED

HEATING APPLIANCES

- SPACE HEATERS
- UL LABEL
- USE PROPER FUEL
- GIVE SPACE HEATERS SPACE
  - 3 FEET FROM COMBUSTIBLE MATERIALS AND WALLS
- CARBON MONOXIDE DETECTORS

HEATING APPLIANCES

- FIRE PLACES
- CREOSOTE
- CHIMNEY CLEANED AND INSPECTED AT LEAST ONCE A YEAR
- MAKE SMALL FIRES
- USE A FIREPLACE SCREEN
- DON’T BURN TRASH OR PAPER
- DON’T USE THE “BOYSCOUT” FIRE STARTER (GAS)

ELECTRICAL SYSTEMS AND EQUIP

- GOOD WORKING ORDER
- ONLY FOR DESIGNED USE
- ONLY ONE HEAT PRODUCING DEVICE PER OUTLET
- EXTENSION CORDS
- PLASTIC CHILD PROTECTORS
- CRACKS, FRAYS BROKEN PLUGS, LOOSE CONNECTIONS
- LAMP SHADES

OPEN FLAMES

- STABLE HOLDERS
- DON’T LEAVE UNATTENDED
- FLASH LIGHTS INSTEAD OF CANDLES

HOT WAX BURNS

LIQUIDS

- DON’T STORE GAS IN YOUR HOME
- OILY RAGS IN METAL CONTAINER
- NO SMOKING OR OPEN FLAMES
- APPROVED CONTAINERS

HOLIDAY SAFETY

- CANDLES
- CHRISTMAS TREE
- LIGHTS (UL)